

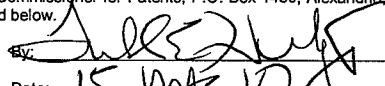
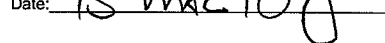
**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Alice Parisis et al.  
Appln. No.: 10/578,337  
Filed: July 21, 2006  
For: METHOD AND DEVICE FOR WATERMARKING AN IMAGE  
Confirmation No.: 5176  
Group Art Unit: 2624  
Examiner: Avinash Yentrapati  
Attorney Docket No.: 38307.6  
Attorney: Gerald E. Helget  
Additional Fees: Charge to Deposit Account 023732

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**CERTIFICATE OF ELECTRONIC TRANSMISSION**

I hereby certify that this document is being transmitted to the U.S. Patent and Trademark Office via EFS Web online filing to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date indicated below.

By:   
Date: 15 MAR 10 

**REQUEST FOR CORRECTED NOTICE OF ALLOWANCE**

Dear Sir/Madam:

On March 5, 2010 a Notice of Allowance and Fees Due was issued for the above-referenced patent application. We note that the title of the invention printed on the Notice of Allowance is incorrect.

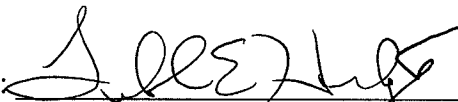
The application was filed under the title METHOD AND DEVICE FOR WATERMARKING AN IMAGE, as shown in the Transmittal Letter, Form PTO-1390 and in the English translation document. The Filing Receipt issued on March 15, 2007 also shows the title as METHOD AND DEVICE FOR WATERMARKING AN IMAGE.

We request a corrected Notice of Allowance be issued with the correct title METHOD AND DEVICE FOR WATERMARKING AN IMAGE. Copies of the pertinent pages of the documents named above are attached.

Dated: \_\_\_\_\_

15 MAR 10

Respectfully submitted,

By: 

Gerald E. Helget (Reg. No. 30,948)

BRIGGS AND MORGAN, P.A.

2200 IDS Center

80 South Eighth Street

Minneapolis, Minnesota 55402-2157

Telephone: 612-977-8480

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<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		<b>ATTORNEY'S DOCKET NUMBER</b> 33155.34
		U.S. APPLICATION NO. (If known, see 37 CFR 1.5)
INTERNATIONAL APPLICATION NO. PCT/FR04/02756	INTERNATIONAL FILING DATE 26 October 2004	PRIORITY DATE CLAIMED 10 November 2003
TITLE OF INVENTION METHOD AND DEVICE FOR WATERMARKING AN IMAGE		
APPLICANT(S) FOR DO/EO/US Alice Parisis, Philippe Carre, Nathalie Laurent		
<p>Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:</p> <ol style="list-style-type: none"><li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.</li><li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.</li><li>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</li><li>4. <input checked="" type="checkbox"/> The US has been elected (Article 31).</li><li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))<ol style="list-style-type: none"><li>a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li><li>b. <input type="checkbox"/> has been communicated by the International Bureau.</li><li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li></ol></li><li>6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).<ol style="list-style-type: none"><li>a. <input checked="" type="checkbox"/> is attached hereto.</li><li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li></ol></li><li>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))<ol style="list-style-type: none"><li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li><li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li><li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li><li>d. <input type="checkbox"/> have not been made and will not be made.</li></ol></li><li>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li><li>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</li><li>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li></ol> <p><b>Items 11 to 20 below concern document(s) or information included:</b></p> <ol style="list-style-type: none"><li>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li><li>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li><li>13. <input checked="" type="checkbox"/> A preliminary amendment.</li><li>14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</li><li>15. <input type="checkbox"/> A substitute specification.</li><li>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</li><li>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825.</li><li>18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</li><li>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</li></ol>		

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO. (if known, see 37 CFR 1.5)	INTERNATIONAL APPLICATION NO. PCT/FR04/02756	ATTORNEY'S DOCKET NUMBER 33155.34
20. Other items or information: French specification; International Preliminary Examination Report in French; Demand for Preliminary Examination in French; International Application as Published by the Patent Cooperation Treaty; Preliminary Amendment, International Search Report and Written Opinion of the International Searching Authority, together with cited references		
The following fees are submitted:		<b>CALCULATIONS</b>
21. <input checked="" type="checkbox"/> Basic national fee (37 CFR 1.492(a)).....\$300		PTO USE ONLY
22. <input checked="" type="checkbox"/> Examination Fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US to the international preliminary examination report prepared By IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4).....\$0 All other situations .....\$200		\$ 300
23. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion prepared by ISA/US to the international preliminary examination report prepared By IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4).....\$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority .....\$100 International Search Report prepared by an ISA other than the US and provided in the Office or previously communicated to the US by the IB.....\$400 All other situations .....\$500		\$ 200
<b>TOTAL OF 21, 22 and 23 =</b>		<b>\$ 500</b>
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821 (c) or (e) computer program listing filed in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.		\$ 1000
Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number)
- 100 =	0/50 =	x \$250
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).		\$ 0
CLAIMS	NUMBER FILED	NUMBER EXTRA
Total claims	- 20 =	0
Independent claims	- 3 =	0
MULTIPLE DEPENDENT CLAIM(S) (if applicable)		+ \$360
<b>TOTAL OF ABOVE CALCULATIONS =</b>		<b>\$ 1000</b>
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.		\$
<b>SUBTOTAL =</b>		\$
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).		\$
<b>TOTAL NATIONAL FEE =</b>		<b>\$ 1,130</b>
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property		\$
<b>TOTAL FEES ENCLOSED =</b>		<b>\$ 1,130</b>
		Amount to be refunded:
		\$
		Amount to be charged:
		\$

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- a. ☒ A check in the amount of \$ 1,130 to cover the above fees is enclosed.
- b. ☐ Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_ to cover the above fees.  
A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment of Deposit Account No. 023732 . A duplicate copy of this sheet is enclosed.
- d. ☐ Fees are to be charge to a credit card. **WARNING :** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

**NOTE:** Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.37(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

Gerald E. Helget

Briggs and Morgan, P.A.

80 South Eighth Street, Suite 2200

Minneapolis, MN 55402



SIGNATURE

Gerald E. Helget

NAME

30,948

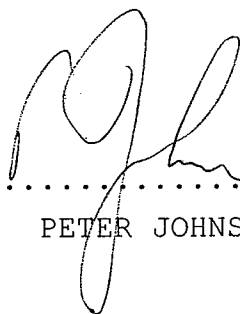
REGISTRATION NUMBER

In the matter of  
the notification relating  
to International Patent Application No.  
PCT/FR04/02756

**DECLARATION**

I, Peter Johnson, BA MITI, of Beacon House, 49 Linden Road,  
Gosforth, Newcastle upon Tyne, NE3 4HA, hereby certify that to  
the best of my knowledge and belief the following is a true  
translation made by me, and for which I accept responsibility,  
of the notification relating to International Patent  
Application No. PCT/FR04/02756.

Signed this 27<sup>th</sup> day of March 2006



.....

PETER JOHNSON

## **Method and device for watermarking an image**

The present invention concerns a method and device for watermarking an image comprising at least three components.

It also concerns a method and device for detecting a signature inserted in an image comprising at least three components.

The invention is situated in the field of watermarking, images comprising several components such as for example color images. These watermarking techniques can for example be used for protecting copyright on a digital image.

The watermark inserted in an image must amongst other things be robust to the various manipulations of the image. Such manipulations are for example compression thereof.

The watermark inserted in an image must also be imperceptible in order to preserve the quality of the image.

In the French patent application filed under the number 0304592 by the present applicant and not yet published there are described a method and device for watermarking a colored image by vector approximation, taking account of its color dimension.

According to this application, the watermarking of an



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
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APPL NO.	FILING OR 371(c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	TOT CLMS	IND CLMS
10/578,337	07/21/2006	2624	1030	33155.34	10	2

Gerald E Helget  
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 Suite 2200  
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**RECEIVED**

MAR 22 2007

CONFIRMATION NO. 5176

## FILING RECEIPT



\*OC000000022849000\*

BRIGGS AND MORGAN, P.A.  
 IP DOCKETING DEPT

Date Mailed: 03/15/2007

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. **If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).**

## Applicant(s)

Alice Parisis, Tours, FRANCE;  
 Philippe Carre, Poitiers, FRANCE;  
 Nathalie Laurent, Vignoc, FRANCE;

## Power of Attorney:

Gerald Helget--30948

## Domestic Priority data as claimed by applicant

This application is a 371 of PCT/FR04/02756 10/26/2004

## Foreign Applications

FRANCE 0313171 11/10/2003

If Required, Foreign Filing License Granted: 03/09/2007

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US10/578,337**

Projected Publication Date: 06/21/2007

Non-Publication Request: No

Early Publication Request: No



**Title**

Method and device for watermarking an image

**Preliminary Class**

382

**PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES**

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at <http://www.uspto.gov/web/offices/pac/doc/general/index.html>.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, <http://www.stopfakes.gov>. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4158).

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